

To: CN=Annette Gatchett/OU=CI/O=USEPA/C=US@EPA;CN=Chris Robbins/OU=RTP/O=USEPA/C=US@EPA;CN=Jeanne Briskin/OU=DC/O=USEPA/C=US@EPA;CN=Mimi Dannel/OU=DC/O=USEPA/C=US@EPA;CN=Becki Clark/OU=DC/O=USEPA/C=US@EPA;CN=Tim Watkins/OU=RTP/O=USEPA/C=US@EPA;CN=Michael McDonald/OU=RTP/O=USEPA/C=US@EPA[]; N=Chris Robbins/OU=RTP/O=USEPA/C=US@EPA;CN=Jeanne Briskin/OU=DC/O=USEPA/C=US@EPA;CN=Mimi Dannel/OU=DC/O=USEPA/C=US@EPA;CN=Becki Clark/OU=DC/O=USEPA/C=US@EPA;CN=Tim Watkins/OU=RTP/O=USEPA/C=US@EPA;CN=Michael McDonald/OU=RTP/O=USEPA/C=US@EPA[]; N=Jeanne Briskin/OU=DC/O=USEPA/C=US@EPA;CN=Mimi Dannel/OU=DC/O=USEPA/C=US@EPA;CN=Becki Clark/OU=DC/O=USEPA/C=US@EPA;CN=Tim Watkins/OU=RTP/O=USEPA/C=US@EPA;CN=Michael McDonald/OU=RTP/O=USEPA/C=US@EPA[]; N=Mimi Dannel/OU=DC/O=USEPA/C=US@EPA;CN=Becki Clark/OU=DC/O=USEPA/C=US@EPA;CN=Tim Watkins/OU=RTP/O=USEPA/C=US@EPA;CN=Michael McDonald/OU=RTP/O=USEPA/C=US@EPA[]; N=Becki Clark/OU=DC/O=USEPA/C=US@EPA;CN=Tim Watkins/OU=RTP/O=USEPA/C=US@EPA;CN=Michael McDonald/OU=RTP/O=USEPA/C=US@EPA[]; N=Tim Watkins/OU=RTP/O=USEPA/C=US@EPA;CN=Michael McDonald/OU=RTP/O=USEPA/C=US@EPA[]; N=Michael McDonald/OU=RTP/O=USEPA/C=US@EPA[]

Cc: CN=Lek Kadelii/OU=DC/O=USEPA/C=US@EPA;CN=Ramona Trovato/OU=DC/O=USEPA/C=US@EPA;CN=Robert Kavlock/OU=DC/O=USEPA/C=US@EPA;CN=Amy Battaglia/OU=DC/O=USEPA/C=US@EPA;CN=Cynthia Sonich-Mullin/OU=CI/O=USEPA/C=US@EPA;CN=Dan Costa/OU=RTP/O=USEPA/C=US@EPA;CN=Suzanne vanDrunick/OU=DC/O=USEPA/C=US@EPA;CN=Hal Zenick/OU=RTP/O=USEPA/C=US@EPA;CN=Fred Hauchman/OU=DC/O=USEPA/C=US@EPA;CN=Kenneth Olden/OU=DC/O=USEPA/C=US@EPA;CN=Kami Nolte/OU=DC/O=USEPA/C=US@EPA;CN=Deborah Heckman/OU=DC/O=USEPA/C=US@EPA;CN=Hyon Kim/OU=DC/O=USEPA/C=US@EPA;CN=Christiane Routt/OU=DC/O=USEPA/C=US@EPA;Dorothy Miller/DC/USEPA/US@EPA;CN=Alexis Lan/OU=DC/O=USEPA/C=US@EPA;CN=Maryellen Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; N=Ramona Trovato/OU=DC/O=USEPA/C=US@EPA;CN=Robert Kavlock/OU=DC/O=USEPA/C=US@EPA;CN=Amy Battaglia/OU=DC/O=USEPA/C=US@EPA;CN=Cynthia Sonich-Mullin/OU=CI/O=USEPA/C=US@EPA;CN=Dan Costa/OU=RTP/O=USEPA/C=US@EPA;CN=Suzanne vanDrunick/OU=DC/O=USEPA/C=US@EPA;CN=Hal Zenick/OU=RTP/O=USEPA/C=US@EPA;CN=Fred Hauchman/OU=DC/O=USEPA/C=US@EPA;CN=Kenneth Olden/OU=DC/O=USEPA/C=US@EPA;CN=Kami Nolte/OU=DC/O=USEPA/C=US@EPA;CN=Deborah Heckman/OU=DC/O=USEPA/C=US@EPA;CN=Hyon Kim/OU=DC/O=USEPA/C=US@EPA;CN=Christiane Routt/OU=DC/O=USEPA/C=US@EPA;Dorothy Miller/DC/USEPA/US@EPA;CN=Alexis Lan/OU=DC/O=USEPA/C=US@EPA;CN=Maryellen Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; N=Robert Kavlock/OU=DC/O=USEPA/C=US@EPA;CN=Amy Battaglia/OU=DC/O=USEPA/C=US@EPA;CN=Cynthia Sonich-Mullin/OU=CI/O=USEPA/C=US@EPA;CN=Dan Costa/OU=RTP/O=USEPA/C=US@EPA;CN=Suzanne vanDrunick/OU=DC/O=USEPA/C=US@EPA;CN=Hal Zenick/OU=RTP/O=USEPA/C=US@EPA;CN=Fred Hauchman/OU=DC/O=USEPA/C=US@EPA;CN=Kenneth

Olden/OU=DC/O=USEPA/C=US@EPA;CN=Kami Nolte/OU=DC/O=USEPA/C=US@EPA;CN=Deborah Heckman/OU=DC/O=USEPA/C=US@EPA;CN=Hyon
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Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; N=Deborah Heckman/OU=DC/O=USEPA/C=US@EPA;CN=Hyon Kim/OU=DC/O=USEPA/C=US@EPA;CN=Christiane Routt/OU=DC/O=USEPA/C=US@EPA;Dorothy Miller/DC/USEPA/US@EPA;CN=Alexis Lan/OU=DC/O=USEPA/C=US@EPA;CN=Maryellen Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; N=Hyon Kim/OU=DC/O=USEPA/C=US@EPA;CN=Christiane Routt/OU=DC/O=USEPA/C=US@EPA;Dorothy Miller/DC/USEPA/US@EPA;CN=Alexis Lan/OU=DC/O=USEPA/C=US@EPA;CN=Maryellen Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; N=Christiane Routt/OU=DC/O=USEPA/C=US@EPA;Dorothy Miller/DC/USEPA/US@EPA;CN=Alexis Lan/OU=DC/O=USEPA/C=US@EPA;CN=Maryellen Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; orothy Miller/DC/USEPA/US@EPA;CN=Alexis Lan/OU=DC/O=USEPA/C=US@EPA;CN=Maryellen Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; N=Alexis Lan/OU=DC/O=USEPA/C=US@EPA;CN=Maryellen Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; N=Maryellen Radzikowski/OU=DC/O=USEPA/C=US@EPA;CN=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]; N=Jennifer Orme-Zavaleta/OU=RTP/O=USEPA/C=US@EPA[]

From: CN=Norman Adkins/OU=RTP/O=USEPA/C=US

Sent: Mon 8/6/2012 8:48:57 PM

Subject: HEADS UP: Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)- DRAFT (JC 361350)

[ATTCXG1Z.pdf](#)

KehrC@gao.gov

SpaanJ@gao.gov

All,

As you may know, GAO has been working on two separate reviews regarding hydraulic fracturing. The first review, which primarily focused on the regulatory aspects, resulted in a draft report that was released a few weeks ago. This particular review did not include any recommendations for the Agency. However, several comments were provided across the Agency and sent forward to GAO.

Attached below is the draft report resulting from the second review, which focused primarily on the aspects of what is known about the energy resources and risks. This draft report does not include any recommendations for EPA. However, there are several references to EPA, including the work we do, so we would want to give this just as much scrutiny.

We are in the process of following up on a few things with OCFO regarding the process to collect comments across the Agency (e.g., use of a template, etc.). Due to the tight deadline established by GAO and the need to involve other EPA offices, we will be asking for a short turnaround time on the review and comment period. Because of this, I wanted to send this draft report out to you right away so that you and/or your staff could at least start looking through the report. We will follow-up with you very shortly regarding a more precise response timeline.

If you have any questions, please do not hesitate to give me a call. We will follow-up with you as soon as we can get additional guidance from OCFO.

Norman L. Adkins, CGFM, PMP
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----- Forwarded by Norman Adkins/RTP/USEPA/US on 08/06/2012 04:19 PM -----

From: MarkT Howard/DC/USEPA/US
To: Norman Adkins/RTP/USEPA/US
Cc: Hyon Kim/DC/USEPA/US@EPA, Marilyn Ramos/DC/USEPA/US@EPA, Michael Mason/DC/USEPA/US@EPA, Johnsie Webster/DC/USEPA/US@EPA, Gwendolyn Spriggs/DC/USEPA/US@EPA, Mindy Kairis/DC/USEPA/US@EPA, Mama McDermott/DC/USEPA/US@EPA, Maureen Hingeley/DC/USEPA/US@EPA, Courtney Hyde/DC/USEPA/US@EPA, Pamala List/DC/USEPA/US@EPA, Bobbie Trent/DC/USEPA/US, Lorraine Fleury/R3/USEPA/US@EPA, Wayne Anthofer/R8/USEPA/US@EPA, Susan Jenkins/R6/USEPA/US@EPA, Reynaldo Gomez/R6/USEPA/US@EPA, Eric Levy/R5/USEPA/US@EPA, Kathy Finazzo/R7/USEPA/US@EPA, Mara Notbusch/R5/USEPA/US@EPA
Date: 08/06/2012 03:21 PM
Subject: Fw: Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)- DRAFT (JC 361350)

Didn't read the due date carefully.
We have just two weeks to get comments back to GAO..
That is comments are due to GAO on Monday, August 20, 2012.

Norm,

GAO has just sent us the draft report for the other fracking job JC 361350 (Energy Resources and Risks Associated with Hydraulic Fracturing).
It is attached below. As the lead office, we ask that you coordinate the response process and consolidate any technical error corrections, comments, or suggestions for GAO.
Consolidated comments are due back to the GAO Liaison Team by Sept 4th. GAO by Aug 20th.

GAO is not making any recommendations for this report (neither EPA nor anyone else).
This one is only 74 pages cover to cover.
If we do not want to send a formal response to this report (as is typical for reports without recommendations) we can send comments to GAO via email.

Thanks,
Mark

MarkT Howard
GAO Liaison Team (2732A)
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----- Forwarded by MarkT Howard/DC/USEPA/US on 08/06/2012 02:42 PM -----

From: "Spaan, Jay" <SpaanJ@gao.gov>
To: OCFO-GAO@EPA, Bobbie Trent/DC/USEPA/US@EPA
Cc: "Kehr, Christine" <KehrC@GAO.GOV>, "Patterson, Barbara L" <PattersonB@GAO.GOV>, "Rusco, Franklin" <RuscoF@gao.gov>
Date: 08/06/2012 02:38 PM
Subject: Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)- DRAFT

August, 6, 2012
The Honorable Lisa P. Jackson
Administrator, Environmental Protection Agency

Dear Ms. Jackson:

Attached is a copy of our proposed report entitled Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732). We are providing this draft for your review and comment before the report is issued. Our work was done under engagement code 361350.

We would like to obtain the department's comments from you or your designated representative by August 20, 2012. These comments will be reflected in the final report. We prefer written comments and request that they be provided electronically. However, we will accept comments provided in hard copy, orally, or in an unsigned e-mail message. Please direct all comments and any questions you may have concerning this draft to Christine Kehr, Assistant Director, (214) 777-5675 or (KehrC@gao.gov) or Jay Spaan, Analyst In Charge, (214) 777-5636 or (SpaanJ@gao.gov).

This draft has not been fully reviewed within GAO, is subject to change, and must be safeguarded to prevent its improper disclosure. Please do not show or release its contents for any purpose. All drafts remain the property of GAO. Upon request, all electronic copies of drafts must be destroyed and any hard copies of drafts must be returned. We appreciate your cooperation in this matter.

Sincerely yours,

Frank Rusco
Director, Natural Resources and Environment

Enclosure